

XP-002192478

AN - 1999-586020 [50]
AP - JP19980320290 19981111
CPY - MITU
DC - A85 L03 X16
DR - 1738-U 1779-U 1532-U 1066-U 1841-U
FS - CPI;EPI
IC - B29C67/20 ; B29K23/00 ; B29K27/12 ; B29K105/04 ; C08J9/00 ; C08L23/02 ;
C08L27/12 ; H01M2/16 ; H01M10/40
MC - A09-A09 A11-C04E A12-E06B L03-E01A
- X16-B01F X16-F02
PA - (MITU) MITSUBISHI CHEM CORP
PN - JP11255931 A 19990921 DW199950 C08J9/00 005pp
PR - JP19980002174 19980108
XA - C1999-171070
XIC - B29C-067/20 ; B29K-023/00 ; B29K-027/12 ; B29K-105/04 ; C08J-009/00 ;
C08L-023/02 ; C08L-027/12 ; H01M-002/16 ; H01M-010/40
XP - N1999-433164
AB - JP11255931 NOVELTY - A porous resin film is subjected to a surface
plasma treatment by inorganic gas. The film has a thickness of 5-200
mu m, porosity of 20-80%, air permeability of 10-1500 seconds/100 cc,
a heat occlusion temperature of 90-160 deg. C and a film fracture
temperature of 160-300 deg. C. The heat occlusion temperature is
raised by 15 deg. C.
- USE - The porous film is used for battery separators in lithium
secondary batteries (claimed), for membrane filters, packaging
materials, medical uses and clothing.
- ADVANTAGE - The porous film has good heat occlusion property and heat
resistant shape maintenance property.
- (Dwg.0/0)
IW - POROUS FILM BATTERY SEPARATE PREDEFINED POROUS AIR PERMEABLE HEAT
OCCLUDE TEMPERATURE
IKW - POROUS FILM BATTERY SEPARATE PREDEFINED POROUS AIR PERMEABLE HEAT
OCCLUDE TEMPERATURE
NC - 001
OPD - 1998-01-08
ORD - 1999-09-21
PAW - (MITU) MITSUBISHI CHEM CORP
TI - Porous film for battery separators - has predefined porosity, air
permeability and heat occlusion temperature
A01 - [001] 018 ; G0033-R G0022 D01 D02 D51 D53 ; H0000 ; H0011-R ;
M9999 M2802 ; L9999 L2391 ; L9999 L2802 ; K9427 ; P1150
- [002] 018 ; Q9999 Q7341 Q7330 ; B9999 B5221 B4740 ; ND01 ; B9999
B4875 B4853 B4740 ; B9999 B5492 B5403 B5276 ; N9999 N7227 N7023 ;
K9427 ; B9999 B5243-R B4740 ; Q9999 Q8060 ; Q9999 Q7567 ; Q9999
Q8366-R ; Q9999 Q7987-R ; Q9999 Q7056-R ; B9999 B5550 B5505 ;
B9999 B4682 B4568